

Remarks/Arguments

The claims have been amended to better represent the scope of the invention. Claim 7 has been added and is based on information in the specification as originally filed on page 5, lines 22-28. No new matter has been added.

35 U.S.C. §103

Claims 1 and 3-6 stand rejected under 35 U.S.C. §103(a) as being unpatenable over Badger et al., (US Pat. #5,739,847) in view of Limberg. (US Pat. #5,748,226). Claim 1 and 5 have been amended in response to the recommendations of the examiner in part 3 of the office action.

It is submitted that combination of Badger et al., and Limberg does not teach or suggest a "means for determining the presence of said interference" and "a frequency conversion stage, coupled to said tuner, for converting in frequency the digital signal to an intermediate frequency (IF) signal to be output, where the center frequency of said IF signal is capable of being switched to a nominal frequency corresponding to the selected broadcast channel or to a second frequency being shifted from said nominal frequency in accordance with the presence or absence of said interference determined by said determining means" as recited by the presently amended claim 1. As was noted by the examiner in part 3 of the office action, these limitations are not anticipated or rendered obvious by Badger or Limberg, either singularly or in combination.

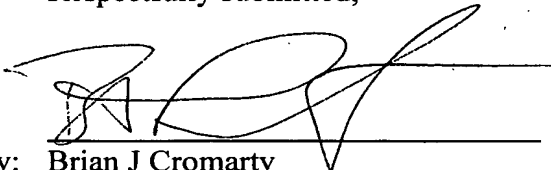
It is therefore submitted that the present claim 1 is allowable and such action is respectfully requested. Furthermore, it is submitted that independent claim 5 is allowable for at least the same reason that claim 1 is allowable and such action is respectfully requested. Since dependant claims 2-4, and 6-7 are dependant on allowable claims 1 and 5, it is submitted that they are allowable for at least the same reasons that claims 1 and 5 are allowable and such action is respectfully requested.

Having fully addressed the Examiner's rejections it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited. If, however, the

Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the applicant's representative at (609) 734-6804, so that a mutually convenient date and time for a telephonic interview may be scheduled.

No fee is believed due. However, if a fee is due, please charge the additional fee to Deposit Account 07-0832.

Respectfully submitted,

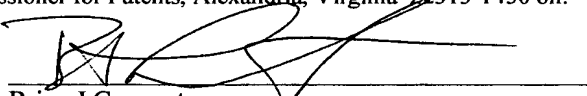

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CERTIFICATE OF MAILING

I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, Alexandria, Virginia 22313-1450 on:

July 20, 2005
Date


Brian J Cromarty